

REMARKS/ARGUMENTS

Claims 1-17 are pending. By this Amendment, claims 1 and 3-6 are amended, and claims 7-17 are added. No new matter is added. Support for the claims can be found throughout the specification, including the original claims, and the drawings. Reconsideration in view of the above amendments and following remarks is respectfully requested.

The Office Action rejected claims 1, 3, 5, and 6 under 35 U.S.C. §112, second paragraph, as allegedly being indefinite. The Examiner's comments have been addressed in amending the claims. Accordingly, the rejection should be withdrawn.

The Office Action rejected claims 1-6 under 35 U.S.C. §103(a) as being unpatentable over Huang et al. (hereinafter "Huang"), U.S. Patent No. 7,120,702 in view of Smith et al. (hereinafter "Smith"), U.S. Patent No. 6,970,602. The rejection is respectfully traversed.

Huang discloses a computer-implemented method and system for processing transactions between a client device and a web page. In particular, Huang is directed to web based commercial and non-commercial transactions, that is, allowing a user to access products or services offered by a web site, and allowing such transactions to be performed by client devices, such as a portable, wireless, and voice-based devices.

Regarding independent claims 1 and 3, the Office Action argues that Huang discloses the claimed preprocessor, client profile analyzer, structure analyzer, index generator, and HyperText Markup Language (HTML) generator. The Office Action acknowledges that Huang does not

disclose the claimed image converter, component block extractor, component block categorizer, and voice markup generator. However, the Office Action then asserts that Smith teaches these features and concludes that “[i]t would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Huang’s invention by transcoding the web content to small display, as taught by Smith.”

However, The Office Action refers to col. 4, lines 24-27 and 36-38 of Huang as disclosing the claimed structure analyzer. Col. 4, lines 24-27 of Huang is a general sentence regarding program codes instructing a computer to perform functions. Col. 4, lines 36-38 merely state that the transcoder 24 uses a transcoder rule to transform the web page into a standardized form. Neither passage discloses or suggests a structure analyzer that receives the web document standardized in the preprocessor to set the web document to a content unit piece according to a document analysis algorithm, as recited in independent claim 1, or the corresponding step of independent method claim 3.

The Office Action refers to col. 4, lines 52-54 and Figures 2A and 2B of Huang as disclosing the claimed index generator. However, col. 4, lines 52-54 state that “web pages are categorized into one of a plurality of service domain and their associated services, including those shown in Fig. 2A.” Col. 4, lines 52-54 and Figs. 2A and 2B of Huang do not disclose or suggest an index generator that extracts information on an image or text index from the component block categorized into the index portion, and generates a script file and an additional

tag collection to express the extracted information, as recited in independent claim 1, or the corresponding step of independent method claim 3.

Smith is directed to a method and apparatus for transcoding multimedia using content analysis. The Office Action refers to col. 2, lines 5-7 of Smith as teaching the claimed image extractor. However, col. 2, lines 5-7 of Smith merely state that “[t]here are many ways in which a transcoder can adapt content to the client device, such as by data compression, summarization, and media conversion.” These lines do not disclose or suggest an image converter that extracts information on an image encoding/decoding procedure and an image size of the web document, as recited in independent claim 1, or the corresponding step of independent method claim 3.

The Office Action refers to Figure 8 and col. 5, lines 6-15 and col. 8, lines 49-50 as disclosing the claimed component block extractor and component block categorizer. However, these lines do not disclose or suggest a component block extractor that groups the set content unit piece with similar groups within a range not exceeding a maximal width by using an attribution value of the content unit piece and the client performance information, or a component block categorizer that categorizes each of the component blocks generated by the component block extractor into index and body content portions in accordance with a content characteristic, or the corresponding steps of independent method claim 3.

Accordingly, it is respectfully submitted that Huang and Smith, taken alone or in combination, fail to disclose or suggest all of the claimed features of independent claims 1 and 3.

Further, the Examiner provides no reason why one of ordinary skill in the art would have been motivated to modify Huang's system and method to include the additional elements of Smith, as proposed by the Examiner. That is, the Examiner provides no reason why these additional elements taught by Smith would have been necessary or benefited Huang's method and system for processing transactions between a client device and a web page.

Accordingly, the rejection of independent claims 1 and 3 over Huang and Smith should be withdrawn. Dependent claims 2 and 4-6, as well as added claims 7-8, are allowable over Huang and Smith at least for the reasons discussed above with respect to independent claim 1 and 3, from which they respectively depend, as well as for their added features.

Added claims 9-17 also define over the applied prior art.

CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance are earnestly solicited.

If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney the telephone number listed below.

Serial No. **10/539,768**

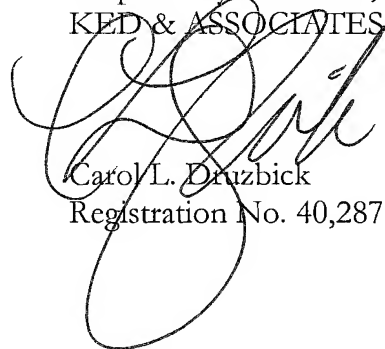
Docket No. **HI-0185**

Amdt. dated November 20, 2007

Reply to Office Action of June 22, 2007

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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